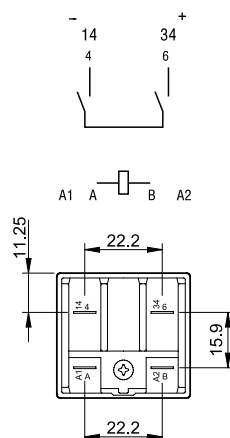


**Plug-in mount/Faston 187
Magnetic blow power relay**

- Plug-in (92 series sockets) or Faston 187 (4.8 x 0.5 mm) with optional mounting adaptors
- 1 & 2 Pole NO contacts
- High DC load (resistive and inductive) switching capability
- DC coils
- Reinforced insulation between coil and contacts according to EN 60335-1, with 6 mm clearance & 8 mm creepage distance
- Cadmium free contact material
- Sockets and accessories

NEW 62.31-4800

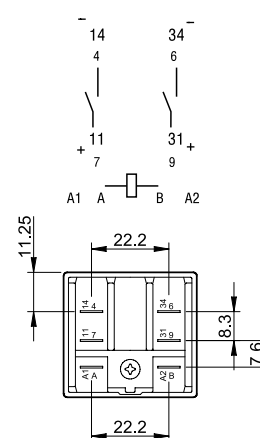

- 1 pole normally open contact (double break, ≥ 4.2 mm contact gap)
- Plug-in/Faston 187



62.31-4800

NEW 62.32-4800


- 2 pole normally open contact (double break, ≥ 2.1 mm contact gap)
- Plug-in/Faston 187



62.32-4800

* Maximum peak current 120 A - 5 ms.

For outline drawing see page 10

Contact specification

Contact configuration		1 NO (SPST-NO) double break, ≥ 4.2 mm	2 NO (DPST-NO), ≥ 2.1 mm
Rated current/Maximum peak current	A	16/30*	16/30*
Rated voltage/ Maximum switching voltage	V AC	250/400	250/400
Rated load AC1	VA	4000	4000
Breaking capacity DC1: 30/125/220 V	A	16/16/12	16/12/6
Breaking capacity DC inductive (L/R = 40 ms): 30/125/220 V	A	16/5/3	10/2/1.2
Minimum switching load	mW (V/mA)	1000 (10/10)	1000 (10/10)
Standard contact material		AgSnO ₂	AgSnO ₂

Coil specification

Nominal voltage (U _N)	V DC	6 - 12 - 24 - 48 - 60 - 110 - 125 - 220	
Rated power DC	W	1.3	1.3
Operating range	DC	(0.85...1.1)U _N	(0.85...1.1)U _N
Holding voltage	DC	0.6 U _N	0.6 U _N
Must drop-out voltage	DC	0.1 U _N	0.1 U _N

Technical data

Mechanical life DC	cycles	10 · 10 ⁶	10 · 10 ⁶
Electrical life at rated load DC1	cycles	100 · 10 ³	100 · 10 ³
Operate/release time	ms	16/5	16/5
Insulation between coil and contacts (1.2/50 μs)	kV	6	6
Dielectric strength between open contacts	V AC	3000	2000
Ambient temperature range	°C	-40...+70	-40...+70
Environmental protection		RT I	RT I

Approvals (according to type)

